



PATENT
DKT. P1608US01

In re application of: **Kenny T. Coker, Edwin S. Olds and Jack A. Mobley**
Assignee: **SEAGATE TECHNOLOGY LLC**
Application No.: **10/080,813** Group No.: **2185**
Filed: **February 22, 2002** Examiner: **Unknown**
For: **DYNAMIC DATA ACCESS PATTERN DETECTION IN A BLOCK DATA STORAGE DEVICE**

**Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231**

COMPLETION OF FILING REQUIREMENTS -- NONPROVISIONAL APPLICATION

- I.** This replies to the Notice to File Missing Parts of Application (PTO-1533) mailed March 22, 2002.

A copy of the Notice to File Missing Parts of Application--Filing Date Granted (Form PTO-1533) is enclosed.

DECLARATION OR OATH

- II.** The declaration or oath that was filed was unsigned. A new original declaration signed by the inventors is attached.

COMPLETION FEES

III.

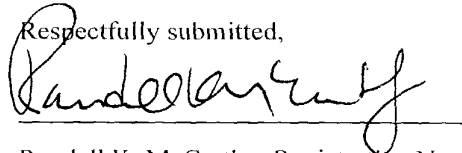
- | | | |
|-----------------------|--|----------|
| 1. | Surcharge Fees
Late filing of original
declaration—signed
(37 C.F.R. Section 1.16(e)) | \$130.00 |
| 2. | Assignment (See "ASSIGNMENT
COVER SHEET") | \$40.00 |
| Total Completion Fees | | \$170.00 |

Transmittal Letter for Assignment
Form PTO-1595 Recordation Form Cover Sheet - Patents Only
Assignment from inventors to Seagate Technology LLC
Transmittal of Formal Drawings
6 sheets of Formal Drawings
Amendment Transmittal
Preliminary Amendment
Transmittal of Information Disclosure Statement Within Three Months of Filing or Before
Mailing of First Office Action
Information Disclosure Statement, including Form PTO/SB/08A (formerly PTO-1449) and 13
cited references
Request for Corrected Filing Receipt, including copy of original Filing Receipt
Supplemental Application Data Sheet
An acknowledgment postcard

Date:

5/14/02

Respectfully submitted,



Randall K. McCarthy, Registration No. 39,297
Bill D. McCarthy, Registration No. 26,772
Daniel P. Dooley, Registration No. 46,369
Martin A. Weeks, Registration No. 37,753
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UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 14 2002

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/080,813	02/22/2002	Kenny T. Coker	P1608US01

CONFIRMATION NO. 9893

FORMALITIES LETTER



OC00000007702220

Crowe & Dunlevy
 1800 Mid-America Tower
 20 North Broadway
 Oklahoma City, OK 73102-8273

Date Mailed: 03/22/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

05/17/2002 JADD01 00000063 10080813

01 FC:105 130.00 0P

*A copy of this notice **MUST** be returned with the reply.*

M-WAILE

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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INTERNET mccarr@crowedunlevy.com

May 14, 2002

Express Mail Receipt No. EU374494712US
Deposited on May 14, 2002

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application, S.N. 10/080,813
Title: DYNAMIC DATA ACCESS PATTERN DETECTION IN
A BLOCK DATA STORAGE DEVICE
Inventors: Kenny T. Coker, Edwin S. Olds and Jack A. Mobley
Assignee: SEAGATE TECHNOLOGY LLC
Filed: February 22, 2002
Group Art Unit: 2185
Our Docket No.: P1608US01

Dear Sir:

Enclosed herewith for filing in connection with the above referenced application are the following documents:

1. POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS) AND STATEMENT UNDER 37 CFR 3.73(b); and
2. A copy of the Assignment from Kenny T. Coker, Edwin S. Olds and Jack A. Mobley is attached.

These papers are being sent by Express Mail, Receipt No. EU374494712US, deposited on May 14, 2002.

Commissioner for Patents
May 14, 2002
Page 2

Please advise if anything further is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Randall K. McCarthy". The signature is fluid and cursive, with the first name "Randall" being more prominent.

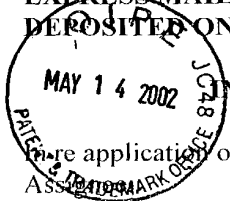
Randall K. McCarthy
Registration No. 39,297

RKM/dca
Enclosures

#4

EXPRESS MAIL RECEIPT NO. EU374494712US
DEPOSITED ON MAY 14, 2002

PATENT
DKT. P1608US01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Kenny T. Coker, Edwin S. Olds and Jack A. Mobley**
 Assignor: **SEAGATE TECHNOLOGY LLC**
 Application No.: **10/080,813** Group No.: **2185**
 Filed: **February 22, 2002** Examiner: **Unknown**
 For: **DYNAMIC DATA ACCESS PATTERN DETECTION IN A BLOCK DATA STORAGE DEVICE**

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT TRANSMITTAL

- Transmitted herewith is an amendment for this application.

STATUS

- Applicant is other than a small entity.

EXTENSION OF TERM

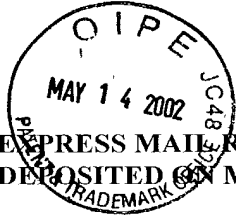
- The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

- The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY			
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE		
TOTAL	18	- 20	= 0	x \$ 18.00	= \$	0.00	
INDEP.	3	- 3	= 0	x \$ 84.00	= \$	0.00	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+	\$ 0.00	= \$	0.00	
				TOTAL ADDIT. FEE	\$	0.00	

No additional fee for claims is required.



EXPRESS MAIL RECEIPT NO. EU374494712US
DEPOSITED ON MAY 14, 2002

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In re application of: **Kenny T. Coker, Edwin S. Olds and Jack A. Mobley**
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TRANSMITTAL OF FORMAL DRAWINGS

In response to the NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION mailed on March 22, 2002 attached please find:

- (a) the formal drawing(s) for this application.
Number of Sheets: 6

Each sheet of drawing indicates the identifying indicia suggested in Section 1.84(c) on the front side of the drawing centered within the top margin.

Date: _____

5/14/02

Respectfully submitted,

Randall K. McCarthy, Registration No. 39,297
Bill D. McCarthy, Registration No. 26,772
Daniel P. Dooley, Registration No. 46,369
Martin A. Weeks, Registration No. 37,753
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